

ITEM	QTY -041	P/N	DESCRIPTION
	X	D5350-041	R66 FWD CROSS BEAM ASSEMBLY
1	5	D2690-8	LANYARD ASSEMBLY
2	1	D5324-3	BRACKET
3	4	D5346-3	BUSHING
4	1	D5350-1	R66 FWD CROSS BEAM
5	1	D5350-5	ADAPTER
6	2	AN3-13A	BOLT
7	2	MS17984-C412	PIN, QUICK RELEASE
8	1	MS17984-C418	PIN, QUICK RELEASE
9	2	MS17984-C517	PIN, QUICK RELEASE
10	2	MS21042L3	NUT, SELF-LOCKING
11	4	NAS1149D0316J	WASHER

DETAIL A

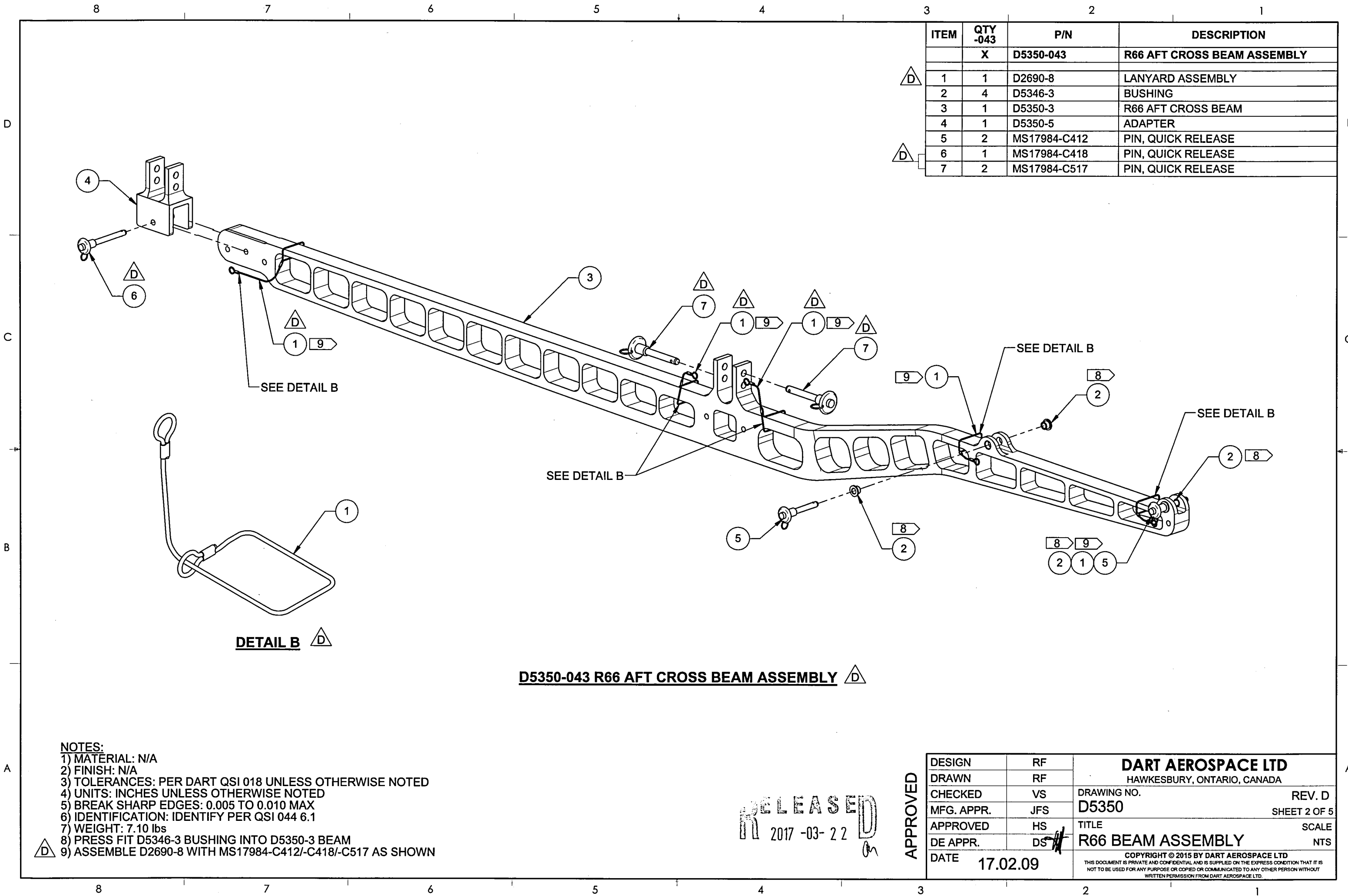
D5350-041 R66 FWD CROSS BEAM ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 5.96 lbs
  - 8) PRESS FIT D5346-3 INTO D5350-1
  - 9) ASSEMBLE D2690-8 WITH MS17984-C412/-C418/-C517 AS SHOWN

RELEASED  
2017-03-22  
ECN 17-535

APPROVED

D	REDESIGN -1/-3/-5/-041/-043 (ZN A4-1, A4-2, A4-3, A4-4); Ø0.323 WAS Ø0.316 (ZN C1-3, C1-4, D3-5); REVISE BOM & NOTE 9 (ZN A8-1, D3-1, A8-2, D3-2, ); ADDED DETAIL A & B (ZN B7-1, B7-2)	RF	17.02.09
C	REDESIGN -1/-3/-041/-043 (ZN A4-1, A4-2, A4-3, A4-4); ADDED -5 (ZN A4-5) & NOTE 10 & 11 (ZN A8-3, A8-4); REVISE BOM's ZN (D3-1, D3-2)	RF	16.11.18
B	REDESIGN -1/-3/-041/-043 (ZN A4-1, A4-2, A4-3, A4-4)	RF	16.05.24
A	NEW ISSUE	RF	15.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	JFS	D5350	SHEET 1 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
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ITEM	QTY -043	P/N	DESCRIPTION
	X	D5350-043	R66 AFT CROSS BEAM ASSEMBLY
1	1	D2690-8	LANYARD ASSEMBLY
2	4	D5346-3	BUSHING
3	1	D5350-3	R66 AFT CROSS BEAM
4	1	D5350-5	ADAPTER
5	2	MS17984-C412	PIN, QUICK RELEASE
6	1	MS17984-C418	PIN, QUICK RELEASE
7	2	MS17984-C517	PIN, QUICK RELEASE

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 7.10 lbs
  - 8) PRESS FIT D5346-3 BUSHING INTO D5350-3 BEAM
  - 9) ASSEMBLE D2690-8 WITH MS17984-C412/-C418/-C517 AS SHOWN

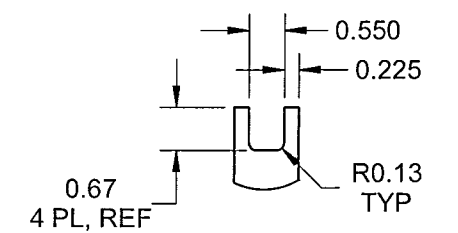
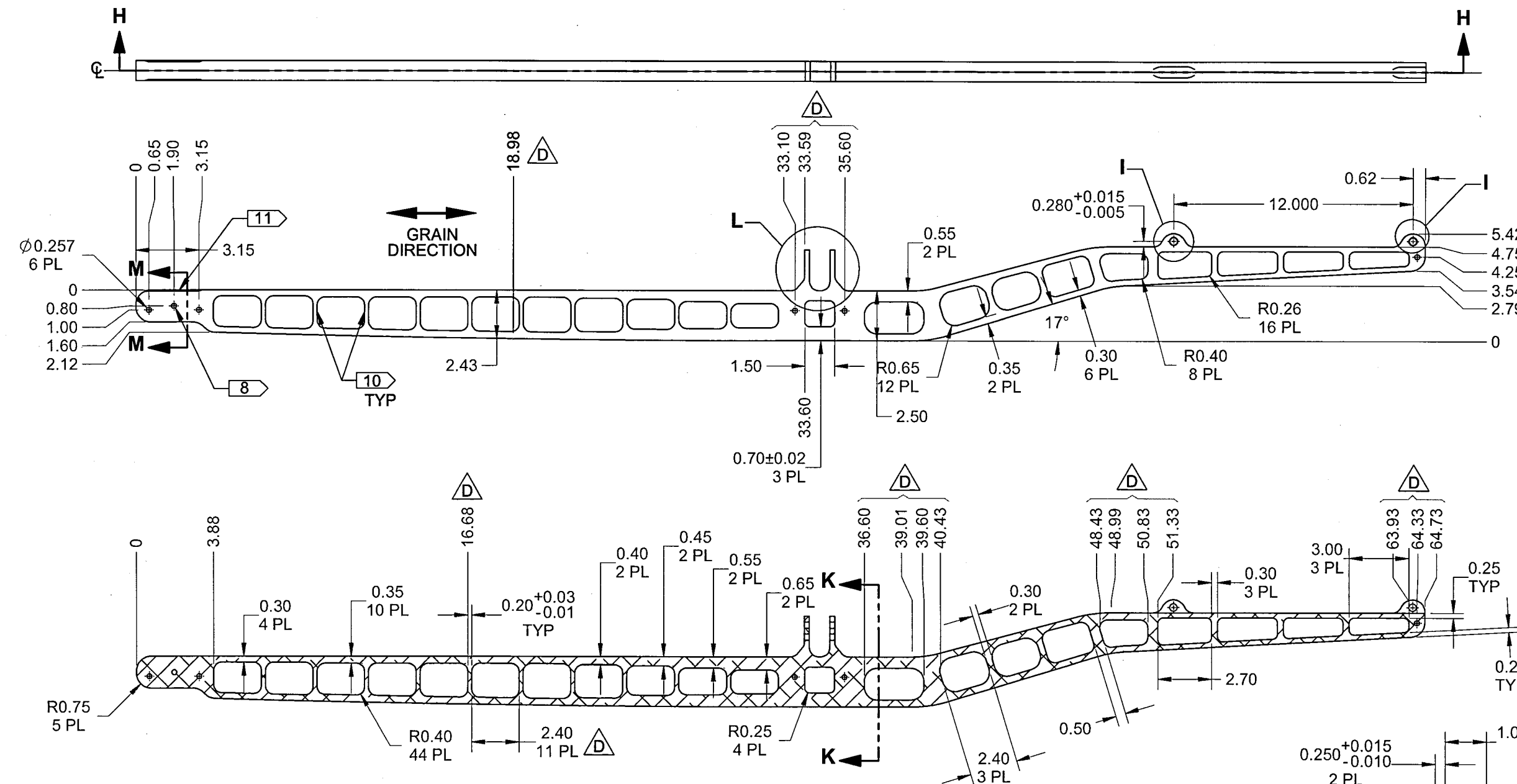
**D5350-043 R66 AFT CROSS BEAM ASSEMBLY**

RELEASED  
2017-03-22

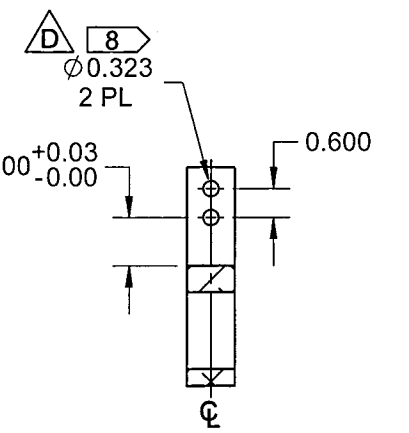
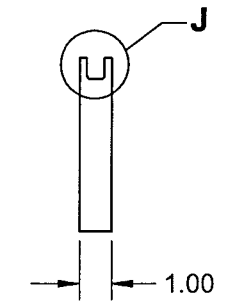
APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO. <b>D5350</b>	REV. D
MFG. APPR.	JFS		SHEET 2 OF 5
APPROVED	HS	TITLE <b>R66 BEAM ASSEMBLY</b>	SCALE NTS
DE APPR.	DS		
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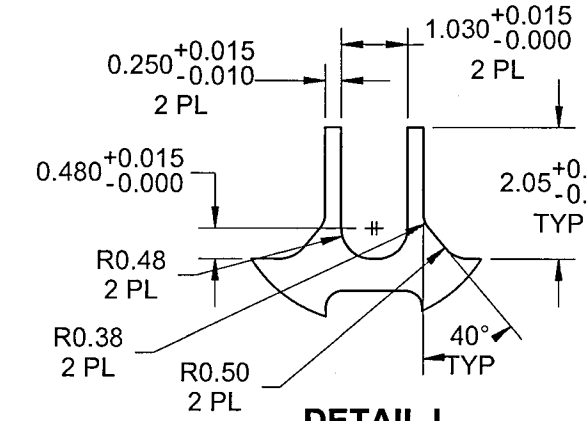




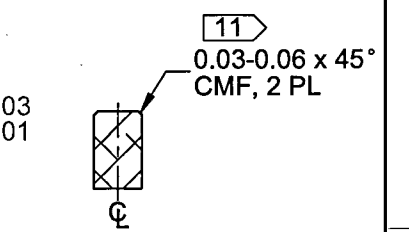
**DETAIL J**



**SECTION K-K**



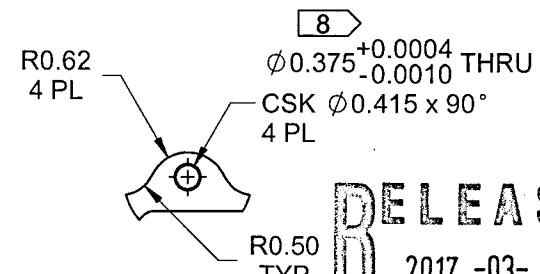
**DETAIL L**



**SECTION M-M**

- NOTES:**
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221  
REF DART SPEC M6061T6B
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 6.72 lbs
  - 8) MASK HOLES PRIOR TO POWDER COAT
  - 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D5350-3 REV. D.SLDPRIT
  - 10) START/STOP CUTTER ON SIDES (NOT TOP/BOTTOM) OF ALL POCKETS
  - 11) TRIM EDGES AS SHOWN

**D5350-3 AFT BEAM**



**DETAIL I**

**RELEASE**  
2017-03-22  
**APPROVED**

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	JFS	D5350	SHEET 4 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
DATE	17.02.09	COPYRIGHT © 2015 BY DART AEROSPACE LTD	
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D

C

B

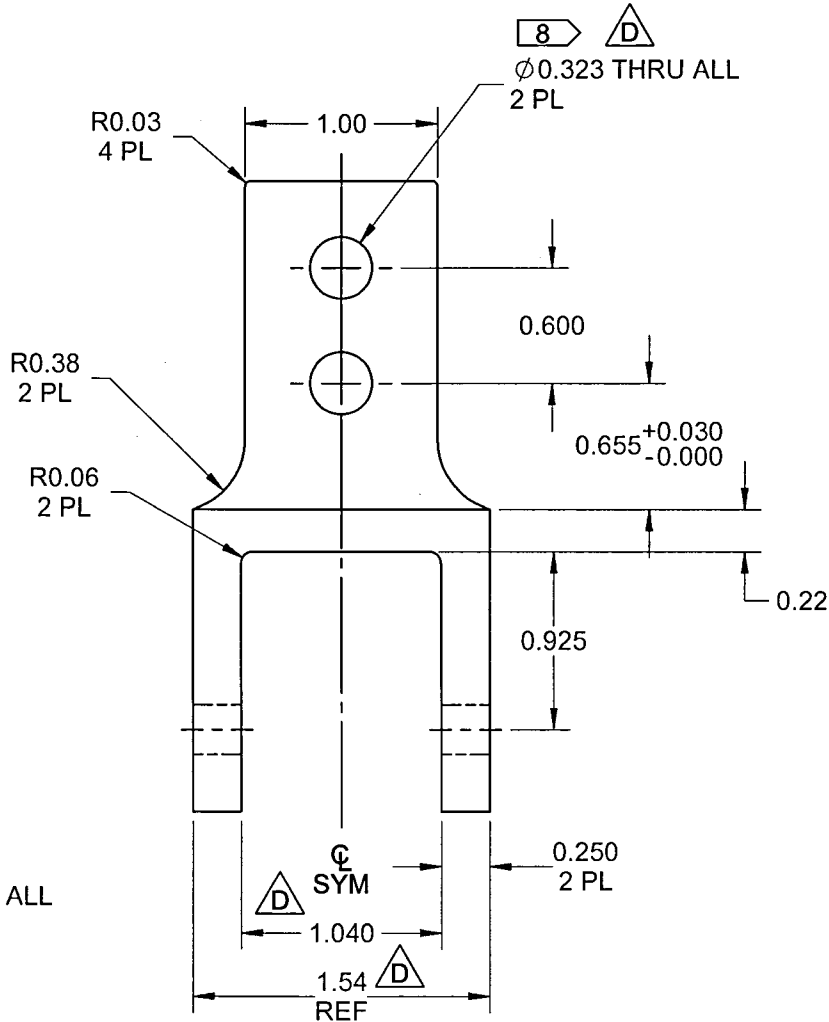
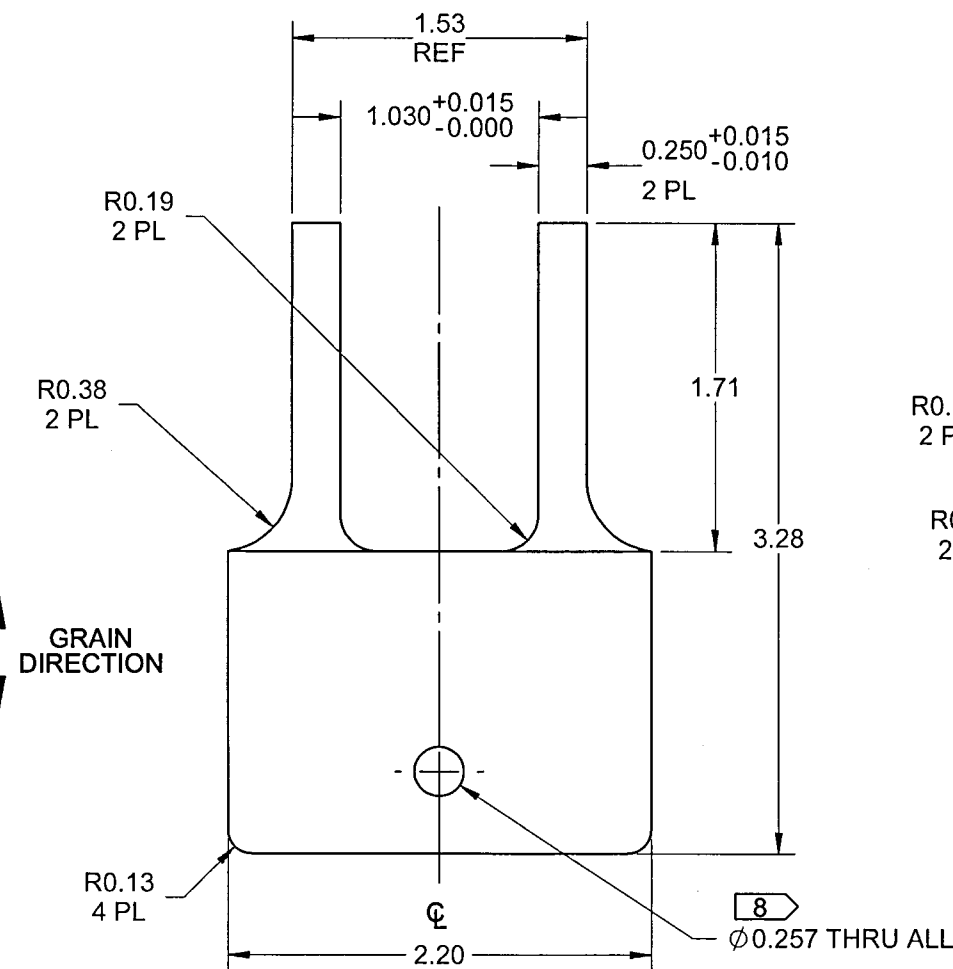
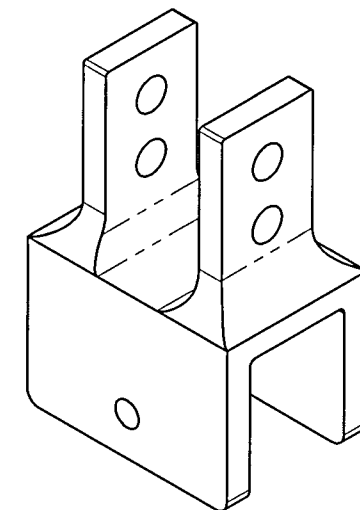
A

D

C

B

A



**D5350-5 ADAPTER**

**NOTES:**

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221  
REF DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.30 lbs
- 8) MASK HOLES PRIOR TO POWDER COAT

RELEASED  
2017-03-22

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	JFS	<b>D5350</b>	SHEET 5 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>R66 BEAM ASSEMBLY</b>	NTS
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